

### **AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A method of ~~drawing an image~~ inscribing by laser light a diffraction grating on an optical disc by an optical disc recording apparatus to produce a holographic visual effect when light is reflected from said diffraction grating ~~which forms optically transformed light and dark portions on the optical disc by laser light irradiation~~, the method comprising:

a storing step of storing, in advance, laser information indicating irradiation interval and intensity level of the laser light to be applied to the optical disc associated with a formation spacing to produce pits having the same lengths and formed at a constant interval ~~defined between the optically transformed light and dark portions when the optically transformed light and dark portions have same lengths and formed at a constant interval~~, and

a control step of controlling the laser light, when ~~drawing of an image~~ inscribing by laser light is instructed together with an indication of the formation spacing, of the ~~optically transformed light and dark portions, the laser light~~ so as to correspond to the irradiation interval and the intensity level of the laser light indicated by the laser information corresponding to the indicated formation spacing.

2. (Currently Amended) The method according to claim 1, wherein when a diffraction grating corresponding to a plurality of images is inscribed ~~are drawn~~, the control step controls the laser light so as to correspond to the irradiation interval and the intensity level of the laser light indicated by the laser information corresponding to the formation spacing assigned to each image to be drawn.

3. (Currently Amended) A method of ~~drawing an image~~ inscribing by laser light irradiation a diffraction grating on an optical disc by an optical disc recording apparatus to produce a holographic visual effect when light is reflected from said diffraction grating ~~which forms optically transformed light and dark portion on the optical disc by laser light irradiation~~, the method comprising:

a storing step of storing laser information indicating irradiation timing and intensity level of the laser light to be applied to the optical disc for step wisely changing at least one of length and formation spacing of pits formed in said optical disc by said laser light ~~the optically transformed light and dark portions~~; and

a control step of controlling the laser light irradiation, when inscribing by laser light ~~drawing of an image~~ is instructed, ~~the laser light irradiation~~ based on the laser information.

4. (Currently Amended) A computer readable recording medium storing a program for ~~drawing an image~~ inscribing by laser light irradiation a diffraction grating on an optical disc by an optical disc recording apparatus to produce a holographic visual effect when light is reflected from said diffraction grating ~~which forms optically transformed light and dark portions on the optical disc by laser light irradiation~~, the program causing a computer to function as:

a storing unit for storing, in advance, laser information indicating irradiation interval and intensity level of the laser light to be applied to the optical disc associated with a formation spacing to produce pits having the same lengths and formed at a constant interval ~~defined between the optically transformed light and dark portions when the optically transformed light and dark portions have same lengths and formed at a constant interval~~; and

a control unit for controlling the laser light, when ~~drawing of an image inscribing by laser light~~ is instructed together with an indication of the formation spacing, ~~of the optically transformed light and dark portions, the laser light~~ so as to correspond to the irradiation interval and the intensity level of the laser light indicated by the laser information corresponding to the indicated formation spacing.

5. (Currently Amended) A system for ~~drawing an image inscribing by laser light~~ a diffraction grating on an optical disc including an optical disc recording apparatus to produce a holographic visual effect when light is reflected from said diffraction grating ~~which forms optically transformed light and dark portions on the optical disc by laser light irradiation~~, the system comprising:

a storing unit for storing, in advance, laser information indicating irradiation interval and intensity level of the laser light to be applied to the optical disc associated with a formation spacing to produce pits having the same lengths and formed at a constant interval ~~defined between the optically transformed light and dark portions when the optically transformed light and dark portions have same lengths and formed at a constant interval~~; and

a control unit for controlling the laser light, when ~~drawing of an image inscribing by laser light~~ is instructed together with an indication of the formation spacing, ~~of the optically transformed light and dark portions, the laser light~~ so as to correspond to the irradiation interval and the intensity level of the laser light indicated by the laser information corresponding to the indicated formation spacing.

6. (New) The method of claim 1 wherein the irradiation interval is determined according to a predetermined visible light wavelength and predetermined viewing angle.

7. (New) The method of claim 3 wherein the irradiation interval is determined according to a predetermined visible light wavelength and predetermined viewing angle.

8. (New) The computer readable recording medium of claim 4 wherein the irradiation interval is determined according to a predetermined visible light wavelength and predetermined viewing angle.

9. (New) The system of claim 5 wherein the irradiation interval is determined according to a predetermined visible light wavelength and predetermined viewing angle.